LOOP INSTALLATION GENERAL NOTES:

1 INSTALL JUNCTION BOX AND LEAD-IN CONDUIT.

2 SAW LOOP SLOTS AND LEAD-IN SLOTS.

3 LAY OUT LOOP WIRE BEGINNING AT JUNCTION BOX, ALLOWING 5' MINIMUM SLACK.

4 INSTALL WIRE IN LOOP SLOT. SEE LOOP WINDING DETAIL.

5 RETURN TO JUNCTION BOX AND IDENTIFY LEADS WITH PLAN DETECTOR NUMBER AND "S" FOR START AND "F" FOR FINISH.

6 TWIST EACH PAIR OF LEAD-IN WIRES TWO TURNS PER FOOT FROM LOOP TO JUNCTION BOX AND INSTALL IN LEAD-IN SLOT AND CONDUIT. REVERSE DIRECTION OF TWIST FOR EACH SUCCESSIVE PAIR INSTALLED.

7 CONSTRUCT SUPPLEMENTAL SPLICE CONTAINING ANY SERIES OR PARALLEL LOOP CONNECTIONS REQUIRED IN PLANS. SUPPLEMENTAL SPLICES ARE SUBJECT TO THE SAME REQUIREMENTS SHOWN FOR THE LOOP LEAD AND SHIELDED CABLE SPLICE.

8 SPLICE LOOP LEADS OR SUPPLEMENTAL SPLICE LEADS TO SHIELDED CABLE AS NOTED.

9 COMPLETE INSTALLATION AND TEST LOOP CIRCUITS OR COMBINATION LOOP CIRCUITS. SEE WSDOT STD SPEC 8-20.3(14)D.

10 FOR LOOP LOCATION REFER TO STD DWG 8-15 AND PLANS.

11 SEAL ENDS OF CONDUIT WITH ELECTRICAL PUTTY OR SILICONE.

12 DRILL HOLE FOR LEAD-IN CONDUIT 1" LARGER THAN CONDUIT AND FILL VOID WITH EPOXY.

13 SPLICE KITS SHALL BE CENTERED ON CONDUCTORS AND SUFFICIENT SLACK SHALL BE PROVIDED SO THAT THE SPLICE CAN BE RAISED A MINIMUM OF 12" ABOVE THE GROUND LINE.